

## Share of liquid biofuels

The Transport sector is highly dependent on petroleum derived fuels. Road transport consumes 87% of the energy used by the Transport sector as a whole. In 2010, the South African Petroleum Industry Association reports that, 11,455 million litres of petrol and 10,170 litres of diesel was consumed in South Africa.

To reduce the reliance on crude oil, liquid biofuels will be introduced on a broad spectrum by introducing blending regulations. The first date of implementing these blending regulations is October 2015.

This lever gives detailed descriptions of blending levels. Where domestic production is unable to meet the share target, imported product caters for the balance.

### Level 1

No implementation of the Biofuel Strategy (2007) is assumed. Therefore biofuels do not contribute to liquid fuel supply.

### Level 2

As per the Biofuel Strategy target, Level 2 assumes that a 2% penetration level of biofuels is achieved in the national liquid fuel supply per annum as of 2015. This share remains constant until 2050.

### Level 3

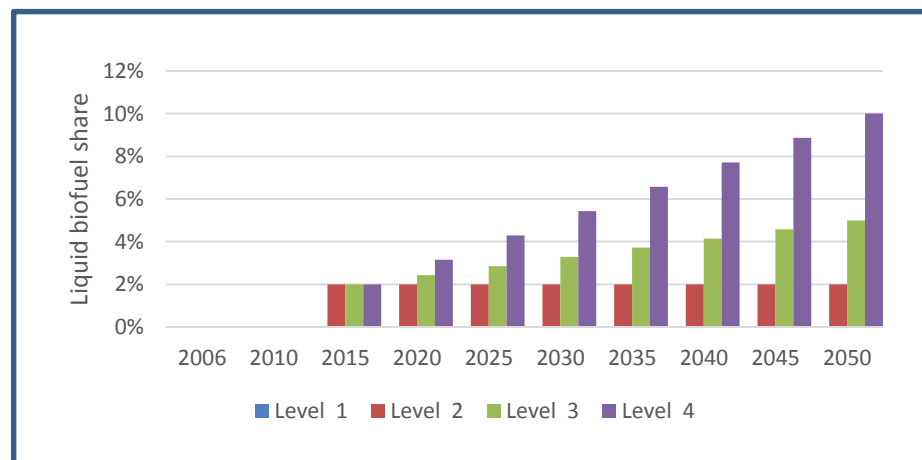
Level 3 assumes that the share of biofuels grows to 5% of the national liquid fuel supply per annum by 2050.

### Level 4

Level 4 assumes that the share of biofuels grows to 10% of the national liquid fuel supply per annum by 2050.



Source:  
<http://www.southafrica.info/business/trends/newbusiness/biofuels-011013.htm>



The contribution of liquid biofuels to the national liquid fuel supply for Levels 1 to 4